AMENDMENT TO H.R. 2983

OFFERED BY MR. MARKEY

(FOR HIMSELF, MR. TAUZIN, AND MR. DINGELL)

At the end of the bill, insert the following new sections:

SEC. 11. TRANSPORTATION OF NUCLEAR MATERIALS.

(a) AMENDMENT.—Chapter 14 of the Atomic Energy Act of 1954 (42 U.S.C. 2201–2210b) is amended by adding at the end the following new section:

''SEC. 170C. TRANSPORTATION OF NUCLEAR MATERIALS.—

''a. The Nuclear Regulatory Commission shall establish a system to ensure that—

''(1) with respect to activities by any party pursuant to a license issued under this Act, each vehicle transporting materials described in subsection b. in the United States—

''(A) from a facility licensed by the Nuclear Regulatory Commission;

''(B) from a facility licensed by an agreement State; or

''(C) from a country with whom the United States has an agreement for cooperation under section 123,

carries a manifest describing the type and amount of materials being transported;

''(2) each individual driving or traveling with such a vehicle has been subject to a security background check by appropriate Federal entities; and

''(3) no such vehicle transports such materials to a destination other than a facility licensed by the Nuclear Regulatory Commission or an agreement State under this Act or other appropriate Federal facility, or to a destination outside the United States in a country with whom the United States has an agreement for cooperation under section 123.

''b. Except as otherwise provided by the Commission by regulation, the materials referred to in subsection a.(1) are byproduct materials, source materials, special nuclear materials, high-level radioactive waste, spent nuclear fuel, transuranic waste, and low-level radioactive waste (as defined in section 2(16) of the Nuclear Waste Policy Act of 1982 (42 U.S.C. 10101(16))).''.

(b) REGULATIONS.—Not later than 1 year after the date of the enactment of this Act, and from time to time thereafter as it considers necessary, the Nuclear Regulatory Commission shall issue regulations identifying radioactive materials that, consistent with the protection of public health and safety and the common defense and se-

curity, are appropriate exceptions to the transportation requirements of section 170C of the Atomic Energy Act of 1954, as added by subsection (a) of this section.

(c) EFFECTIVE DATE.—The amendment made by subsection (a) shall take effect upon the issuance of regulations under subsection (b).

(d) TABLE OF SECTIONS AMENDMENT.—The table of sections for chapter 14 of the Atomic Energy Act of 1954 is amended by adding at the end the following new item:

"Sec. 170C. Transportation of nuclear materials.".

SEC. 12. NUCLEAR FACILITY THREATS.

(a) STUDY.—The President, in consultation with the Nuclear Regulatory Commission and other appropriate Federal, State, and local agencies and private entities, shall conduct a study to identify the types of threats that pose an appreciable risk to the security of the various classes of facilities licensed by the Nuclear Regulatory Commission under the Atomic Energy Act of 1954. Such study shall take into account, but not be limited to—

(1) the events of September 11, 2001;

(2) an assessment of physical, cyber, biochemical, and other terrorist threats;

(3) the potential for attack on facilities by multiple coordinated teams of a large number of individuals;

(4) the potential for assistance in an attack from several persons employed at the facility;

(5) the potential for suicide attacks;

(6) the potential for water-based and air-based threats;

(7) the potential use of explosive devices of considerable size and other modern weaponry;

(8) the potential for attacks by persons with a sophisticated knowledge of facility operations;

(9) the potential for fires, especially fires of long duration; and

(10) the potential for attacks on spent fuel shipments by multiple coordinated teams of a large number of individuals.

(b) SUMMARY AND CLASSIFICATION REPORT.—Not later than 180 days after the date of the enactment of this Act, the President, shall transmit to the Congress and the Nuclear Regulatory Commission a report—

(1) summarizing the types of threats identified under subsection (a); and

(2) classifying each type of threat identified under subsection (a), in accordance with existing laws and regulations, as either—

(A) involving attacks and destructive acts, including sabotage, directed against the facility

by an enemy of the United States, whether a foreign government or other person, or otherwise falling under the responsibilities of the Federal Government; or

(B) involving the type of risks that Nuclear Regulatory Commission licensees should be responsible for guarding against.

(c) FEDERAL ACTION REPORT.—Not later than 90 days after the date on which a report is transmitted under subsection (b), the President, shall transmit to the Congress a report on actions taken, or to be taken, to address the types of threats identified under subsection (b)(2)(A). Such report may include a classified annex as appropriate.

(d) REGULATIONS.—Not later than 270 days after the date on which a report is transmitted under subsection (b), the Nuclear Regulatory Commission shall issue regulations, including changes to the design basis threat, to ensure that licensees address the threats identified under subsection (b)(2)(B).

(e) PHYSICAL SECURITY PROGRAM.—The Nuclear Regulatory Commission shall establish an operational safeguards response evaluation program that ensures that the physical protection capability and operational safeguards response for sensitive nuclear facilities, as determined by the Commission consistent with the protection

of public health and the common defense and security, shall be tested periodically through Commission approved or designed, observed, and evaluated force-on-force exercises to determine whether the ability to defeat the design basis threat is being maintained. For purposes of this subsection, the term ''sensitive nuclear facilities'' includes at a minimum commercial nuclear power plants, including associated spent fuel storage facilities, spent fuel storage pools and dry cask storage at closed reactors, independent spent fuel storage facilities and geologic repository operations areas, category I fuel cycle facilities, and gaseous diffusion plants.

(f) CONTROL OF INFORMATION.—In carrying out this section, the President and the Nuclear Regulatory Commission shall control the dissemination of restricted data, safeguards information, and other classified national security information in a manner so as to ensure the common defense and security, consistent with chapter 12 of the Atomic Energy Act of 1954.